

CHHAMARIA ANCHALIK COLLEGE

P. O. Chhamaria, District- Kamrup, State- Assam (India), PIN-781136

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FIRST CYCLE NAAC ACCREDITATION 2023

CRITERION 1

CURRICULAR ASPECTS

1.3.1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

List of Course which address the Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

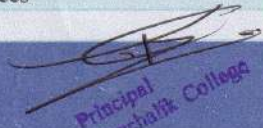
Professional Ethics

Subject	Semester	Course Code	Paper's Name
Arabic	I	ARA-H/G-RC-1016	Contemporary Arab World - I
	II	ARA-H/G-RC-2016	Contemporary Arab World – II
	III	ARA-H/G-RC-3016	Contemporary Arab World – III
	IV	ARA-H/G-RC-4016	Contemporary Arab World – IV
	VI	ARA-RG-6016	Political History of the Arabs - II
English Education	I	AECC-1014	English Language Proficiency
	III	EDU-SE-3014	Public Speaking Skill
	IV	EDU-SE-4014	Writing Bio-Data and Facing an interview
	V	EDU-HE-5046	Teacher Education in India
History	VI	EDU-SE-6014	Developing Teaching Skill
	I	HIS-HC-1016	History of India I
		HIS-HC-1026	Social Formation and Cultural Patterns of the Ancient Word
	III	HIS-HC-3026	Rise of the Modern West I
	III	PHI-HC-3036	Ethics
Philosophy		PHI-RC -3016	Ethics
		PHI-HG-3016	Ethics
	VI	PHI-HE -6036	Applied Ethics
	III	POL-SE-3014	Parliamentary Procedure and Practice
Political Science		POL-HC-3026	Perspectives on Public Administration
	IV	POL-HC-4026	Public Policy and administration of India
	V	POL-RE-5016	Public administration-1
		POL-HE-5046	Select Constitution-1
		POL-HC-5016	Classical Political Philosophy
		POL-HC-5026	Indian Political Thought-1
	VI	POL-RE-6016	Public administration-II
		POL-HC-6016	Modern Political Philosophy
		POL-HC-6026	Indian Political Thought-II
		POL-HE-6046	Select Constitution-II


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Gender

Subject	Semester	Course Code	Paper's Name
Arabic	I	ARA-HG/RC-1016	Contemporary Arab World –I (Introduction to the Arab World)
	II	ARA-HG/RC-2016	Contemporary Arab World – II (Education and Culture of the Kingdom of Saudi Arabia)
	III	ARA-HG/RC -3016	Contemporary Arab World – III (Contemporary Political Development of Kuwait, Education and Culture of Kuwait)
	IV	ARA-HG/RC-4016	Contemporary Arab World – IV (Education and Culture of the Republic of Iraq)
Economics	V	ECO-HC-5016	Indian Economy-I
		ECO-HC-5026	Development Economics-I
		ECO-RE-5016	Economic Development and Policy in India-I
	VI	ECO-HC-6016	Indian Economy-II
		ECO-HC-6026	Development Economics-II
		ECO-RE-6016	Economic Development and Policy in India-II
English	I	AECC-1014	English Language Proficiency
		ENG-CC-1016	English-I (The Woman Who Rode Away Good Advice is Rarer then Rubies)
Education	V	ENG-CC-2016	English-II (Purdah-I)
		EDU-SE-5014	Extension Activities
		EDU-RG-5016	Distance Education
History	I	HIS-RC-1016	History of India (from the earliest times up to c. 1206)
	II	HIS-HC-2016	History of India-II
	III	HIS-HC-3026	Rise of the Modern West
		HIS-HG-3016	History of India (c. 1757-1947)
	IV	HIS-SE-4014	Oral Culture and Oral History
	V	HIS-HC-5016	History of Modern Europe (c.1780-1930)
	VI	HIS-HC-6016	History of India VIII (c. 1857-1950)
		HIS-HC-6026	History of Modern Europe (c. 1780-1939)
		HIS-HE-6026	Assam since Independence
		PHI-HE-6036	Applied Ethics
Philosophy	VI	PHI-HE-6036	Applied Ethics
Political Science	I	POL-RC/HG-1016	Introduction to Political theory
		POL-HC-1026	Constitutional Government and democracy in India
	II	POL-RC/HG-2016	Indian Govt. and Politics
		POL-HC-2026	Political process in India
	III	POL-SE-3014	Parliamentary Procedure and Practice
		POL-HG/RC-3016	Comparative Government Politics
	IV	POL-RC/HG-4016	Introduction to International Relation
		POL-SE-4014	Panchayatiraj and Practices
		POL-HC-4036	Global Politics


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Human Values

Subject	Semester	Course Code	Paper's Name
Arabic	I	ARA-HG-RC-1016	Contemporary Arab World – I
	II	ARA-HG-RC- 2016	Contemporary Arab World – II
	III	ARA-HG-RC- 3016	Contemporary Arab World – III
	IV	ARA-HG-RC- 4016	Contemporary Arab World – IV
	V	ARA-RG-5016	Political History of Arab-I
	VI	ARA-RG-6016	Political History of Arab-II
Economics	V	ECO-HE-5016	Economics of Health and Education
English	I	ENG-CC-1016	Angulimala (English-II)
	II	ENG-CC-2016	Harlem (English-II)
Education	III	EDU-HC-3036	Value and Peace Education
	V	EDU-RE-5036	Human Rights Education
	VI	EDU-RE-6016	Mental Health & Hygiene
		EDU-RG-6016	Mental Health & Hygiene
History	I	HIS-RC-1016	History of India (From the earliest times up to c. 1206)
	II	HIS-RC-2016	History of India (c. 1206 to 1757)
	III	HIS-HC-3016	History of India III
		HIS-HC-3036	History of India IV (c. 1206-1550)
		HIS-HG-3016	History of India (c.1757-1947)
		HIS-RC-3016	History of India (c. 1757-1947)
	IV	HIS-HC-4026	History of India (c. 1550-1605)
		HIS-HG-4016	Social and Economic History of Assam
		HIS-SE-4014	Oral Culture and Oral History
		HIS-RC-4016	Social and Economic History of Assam
	V	HIS-HC-5026	History of India VII
	VI	HIS-HC-6016	History of India VIII (c. 1857-1950)
		HIS-HC-6026	History of Modern Europe (c. 1780-1939)
Philosophy	VI	PHI-HE-6036	Applied Ethics
Political Science	II	POL-RC-2016	Indian Government and Politics
	III	POL-SE-3014	Parliamentary Procedure and Practices
		POL-SE-3024	Youth and Nation Building
		POL-SE-4014	Panchayati Raj and Practice
	V	POL-SE-5014	Public Opinion and Survey Research
		POL-HE-5016	Human Rights
		POL-RE-5016	Public Administration-I
		POL-RG-5016	Public Administration-I
	VI	POL-HE-6016	Human Rights in India
		POL-SE-6014	Conflict and Peace Building


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Environment and Sustainability

Subject	Semester	Course Code	Paper's Name
Arabic	I	ARA-HG-RC-1016	Contemporary Arab World – I
	II	ARA-HG-RC- 2016	Contemporary Arab World – II
	III	ARA-HG-RC- 3016	Contemporary Arab World – III
	IV	ARA-HG-RC- 4016	Contemporary Arab World – IV
AECC (Environmental Studies)	II	ENV-AE-2014	Environmental Studies
Economics	V	ECO-RE-5036	Environmental Economics
	VI	ECO-HE-6016	Environmental Economics
Education	V	EDU-SE-5014	Extension Activities
History	III	HIS-SE-3014	Historical Tourism in North-East India
	IV	HIS-HG-4016	Social and Economic History of Assam
	VI	HIS-HE-6026	Assam since Independence
Philosophy	VI	PHI-HE-6036	Applied Ethics
Political Science	II	POL-RC-2016	Indian Government and Politics
	III	POL-SE-3014	Parliamentary Procedure and Practice


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1.3.1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

List of Course integrates crosscutting issues relevant to Professional Ethics, gender, Human Values, Environment and Sustainability into the Curriculum

(Department of Economics)

Submitted to



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FIFTH SEMESTER CORE

ECO-HC-5016: INDIAN ECONOMY-I

Course Description

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. Given the rapid changes taking place in India, the reading list will have to be updated annually.

Course Outline

1. Economic Development since Independence

Major features of the economy at independence; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance—sustainability and regional contrasts; structural change, savings and investment.

2. Population and Human Development

Demographic trends and issues; education; health and malnutrition.

3. Growth and Distribution

Trends and policies in poverty; inequality and unemployment.

4. International Comparisons

With China, Pakistan, Bangladesh, Sri Lanka, Nepal and Vietnam

Readings:

1. Jean Dreze and Amartya Sen, Jean Dreze and Amartya Sen, 2013. *An Uncertain Glory: India and its Contradictions*, Princeton University Press.
2. Pulapre Balakrishnan, 2007, The Recovery of India: Economic Growth in the Nehru Era, *Economic and Political Weekly*, November.
3. Rakesh Mohan, 2008, -Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, *Economic and Political Weekly*, May.
4. S.L. Shetty, 2007, -India's Savings Performances since the Advent of Planning, in K.L. Krishna and A. Vaidyanathan, editors, *Institutions and Markets in India's Development*.
5. Himanshu, 2010, Towards New Poverty Lines for India, *Economic and Political Weekly*, January.
6. Jean Dreze and Angus Deaton, 2009, Food and Nutrition in India: Facts and Interpretations, *Economic and Political Weekly*, February.
7. Himanshu. 2011, -Employment Trends in India: A Re-examination, *Economic and Political Weekly*, September.
8. Rama Barua et al, 2010, -Inequities in Access to Health Services in India: Caste, Class and Region, *Economic and Political Weekly*, September.

9. Geeta G.Kingdon, 2007,-TheProgress of School Education in India, *Oxford Review of Economic Policy*.
10. J.B.G.Tilak, 2007,-Post Elementary Education, Poverty and Development in India, *International Journal of Educationa lDevelopment*.
11. T. Dyson,2008,-India'sDemographic Transition and its Consequences for Development lin Uma Kapila, editor, *Indian Economy Since Independence*, 19th edition, Academic Foundation.
12. Kaushik Basu, 2009,-ChinaandIndia:IdiosyncraticPaths to High Growth, *Economic and Political Weekly*, September.
13. K.James,2008, -Glorifying Malthus: Current Debate on Demographic Dividend in Indial, *Economic and Political Weekly*,June.
14. Reetika Khara, 2011,-India'sPublicDistributionSystem: Utilisation and Impact *Journal of Development Studies*.
15. Aniruddha Krishna and Devendra Bajpai, 2011,-Lineal Spread and Radial Dissipation: Experiencing Growth in Rural India, 1992-2005, *Economic and PoliticalWeekly*,September.



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ECO-HC-5026: DEVELOPMENT ECONOMICS-I

Course Description

This is the first part of a two-part course on economic development. The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance.

Course Outline

1. Conceptions of Development

Alternative measures of development, documenting the international variation in these measures, comparing development trajectories across nations and within them.

2. Growth Models and Empirics

The Harrod-Domar model, the Solow model and its variants, endogenous growth models and evidence on the determinants of growth.

3. Poverty and Inequality: Definitions, Measures and Mechanisms

Inequality axioms; a comparison of commonly used inequality measures; connections between inequality and development; poverty measurement; characteristics of the poor; mechanisms that generate poverty traps and path dependence of growth processes.

4. Political Institutions and the Functioning of the State

The determinants of democracy; alternative institutional trajectories and their relationship with economic performance; within-country differences in the functioning of state institutions; state ownership and regulation; government failures and corruption.

Readings

1. Debraj Ray, *Development Economics*, Oxford University Press, 2009.
2. Partha Dasgupta, *Economics, A Very Short Introduction*, Oxford University Press, 2007.
3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, *Understanding Poverty*, Oxford University Press, 2006.
4. Kaushik Basu, *The Oxford Companion to Economics in India*, OUP, 2007.
5. Amartya Sen, *Development as Freedom*, OUP, 2000.
6. Daron Acemoglu and James Robinson, *Economic Origins of Dictatorship and Democracy*, Cambridge University Press, 2006.
7. Robert Putnam, *Making Democracy Work: Civic Traditions in Modern Italy*, Princeton University Press, 1994.

SIXTH SEMESTER CORE

ECO-HC-6016: INDIAN ECONOMY-II

Course Description

This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence. Given the rapid changes taking place in the country, the reading list will have to be updated annually.

Course Outline

1. Macroeconomic Policies and Their Impact

Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.

2. Policies and Performance in Agriculture

Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and procurement.

3. Policies and Performance in Industry

Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.

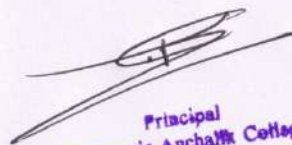
4. Trends and Performance in Services

Readings:

- 1 Shankar Acharya, 2010, -Macroeconomic Performance and Policies 2000-8, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances and Challenges: Development and Participation*, Oxford University Press.
- 2 Rakesh Mohan, 2010, -India's Financial Sector and Monetary Policy Reforms, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances and Challenges: Development and Participation*, Oxford University Press.
- 3 Pulapre Balakrishnan, Ramesh Golait and Pankaj Kumar, 2008, -Agricultural Growth in India Since 1991, *RBI DEAP Study no.27*.
- 4 B.N. Goldar and S.C. Aggarwal, 2005, -Trade Liberalisation and Price-Cost Margin in Indian Industries, *The Developing Economics*, September.
- 5 P. Goldberg, A. Khandelwal, N. Pavcnik and P. Topalova, 2009, -Trade Liberalisation and New Imported Inputs, *American Economic Review, Papers and Proceedings*, May.
- 6 Kunal Sen, 2010, -Trade, Foreign Direct Investment and Industrial Transformation in India, in Premachandra Athukorala, editor, *The Rise of Asia*, Routledge.
- 7 A. Ahsan, C. Pages and T. Roy, 2008, -Legislation, Enforcement and Adjudication

in Indian Labour Markets: Origins, Consequences and the Way Forward, in D. Mazumdar and S. Sarkar, editors, *Globalization, Labour Markets and Inequality in India*, Routledge.

- 1 Dipak Mazumdar and Sandeep Sarkar, 2009, -The Employment Problem in India and the Phenomenon of the "Missing Middle", *Indian Journal of Labour Economics*.
- 9 J. Dennis Rajakumar, 2011, -Size and Growth of Private Corporate Sector in Indian Manufacturing, *Economic and Political Weekly*, April.
- 0 Ramesh Chand, 2010, -Understanding the Nature and Causes of Food Inflation, *Economic and Political Weekly*, February.
- 1 Bishwanath Goldar, 2011, -Organised Manufacturing Employment: Continuing the Debate, *Economic and Political Weekly*, April.



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ECO-HC-6026: DEVELOPMENT ECONOMICS-II

Course Description

This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth. The course ends with reflections on the role of globalization and increased international dependence on the process of development.

Course Outline

1. Demography and Development

Demographic concepts; birth and death rates, age structure, fertility and mortality; demographic transitions during the process of development; gender bias in preferences and outcomes and evidence on unequal treatment within households; connections between income, mortality, fertility choices and human capital accumulation; migration.

2. Land, Labor and Credit Markets

The distribution of land ownership; land reform and its effects on productivity; contractual relationships between tenants and landlords; land acquisition; nutrition and labor productivity; informational problems and credit contracts; microfinance; inter-linkages between rural factormarkets.

3. Individuals, Communities and Collective Outcomes

Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.

4. Environment and Sustainable Development

Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources; environmental externalities and state regulation of the environment; economic activity and climate change.

5. Globalization

Globalization in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalized world.

Readings

1. Debraj Ray, *Development Economics*, Oxford University Press, 2009.
2. Partha Dasgupta, *Economics, A Very Short Introduction*, Oxford University Press, 2007.

3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, *Understanding Poverty*, Oxford University Press, 2006.
4. Thomas Schelling, *Micromotives and Macrobehavior*, W. W. Norton, 1978.
5. Albert O. Hirschman, *Exit, Voice and Loyalty: Responses to Decline in Firms, Organizations and States*, Harvard University Press, 1970.
6. Raghuram Rajan, *Fault Lines: How Hidden Fractures Still Threaten the World Economy*, 2010.
7. Elinor Ostrom, *Governing the Commons: The Evolution of Institutions for Collective Action*, Cambridge University Press, 1990.
8. Dani Rodrik, *The Globalization Paradox: Why Global Markets, States and Democracy Can't Coexist*, Oxford University Press, 2011.
9. Michael D. Bordo, Alan M. Taylor and Jeffrey G. Williamson (ed.), *Globalization in Historical Perspective*, University of Chicago Press, 2003.



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DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS:

(Any Two per Semester)

FIFTH SEMESTER DSE

ECO-HE-5016: ECONOMICS OF HEALTH AND EDUCATION

Course Description

The importance of education and health in improving well-being is reflected in their inclusion among the Millennium Development Goals adopted by the United Nations member states, which include among other goals, achieving universal primary education, reducing child mortality, improving maternal health and combating diseases. This course provides a microeconomic framework to analyze, among other things, individual choice in the demand for health and education, government intervention and aspects of inequity and discrimination in both sectors. It also gives an overview of health and education in India.

Course Outline

1. Role of Health and Education in Human Development

Importance in poverty alleviation; health and education outcomes and their relationship with macroeconomic performance.

2. Microeconomic Foundations of Health Economics

Demand for health; uncertainty and health insurance market; alternative insurance mechanisms; market failure and rationale for public intervention; equity and inequality.

3. Evaluation of Health Programs

Costing, cost effectiveness and cost-benefit analysis; burden of disease.

4. Health Sector in India: An Overview

Health outcomes; health systems; health financing.

5. Education: Investment in Human Capital

Rate of return to education: private and social; quality of education; signaling or human capital; theories of discrimination; gender and caste discrimination in India.

6. Education Sector in India: An Overview

Literacy rates, school participation, school quality measures.

Readings:

1. William, Jack, *Principles of Health Economics for Developing Countries*, World

- Bank Institute Development Studies, 1999.
2. World Development Report, *Investing in Health*, The World Bank, 1993.
 3. Ronald G., Ehrenberg and Robert S., Smith, *Modern Labor Economics: Theory and Public Policy*, Addison Wesley, 2005.

ECO-HE-5026: MONEY AND FINANCIAL MARKETS

Course Description

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

Course Outline

1. Money

Concept, functions of money; concept of money supply and its measurement; money multiplier theory, RBI's approach to money supply.

2. Financial Institutions, Markets, Instruments and Financial Innovations

Meaning and types of financial institutions, nature and role of financial institutions; financial markets: definitions and types-money market and capital market, their characteristics and functions, call money market, treasury bill market, commercial bill market including commercial paper and certificates of deposits, government securities market, primary and secondary market for securities, financial sector reforms in India, financial derivatives –meaning, types, distinctive features of financial derivatives and its benefits.

3. Interest Rates

Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.

4. Banking System

Meaning and types; Functions of Commercial banks, process of credit creation and its limitations, Balance sheet of Commercial banks, portfolio management-meaning and objective of portfolio management, theories of portfolio management; banking sector reforms in India.

5. Central Banking and Monetary Policy

Functions of central bank; monetary policy-objectives, indicators and instruments of monetary control; monetary management in an open economy; current monetary policy of India.

SIXTH SEMESTER DSE
(Any Two per Semester)

ECO-HE-6016: ENVIRONMENTAL ECONOMICS

Course Description

This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.

Course Outline

1. Introduction

Basic concepts: Environment, Ecology, Economy and the ecosystem. Definition and scope of environmental economics, why study environmental economics. Interaction between the environment and the economy, environmental economics and ecological economics, environmental economics and resource economics. Review of microeconomics and welfare economics: the utility function, social choice mechanism, the compensation Principle and social welfare function (concepts only).

2. The Theory of Externalities

Pareto optimality or Pareto efficiency, Externalities: meaning and types of externality, market failure: meaning, market failure in the presence of externalities; market failure and public goods, is environment a public good? Property rights and the coase theorem.

3. The Design and Implementation of Environmental Policy

Environmental Policies: an overview; Nonmarket and market based instruments of Environmental Policy: command and control (CAC) approach, economic instruments like pigovian taxes and effluent fees, tradable permits and mixed instruments. Monitoring and Enforcement: What is monitoring and enforcement? Penalties, cost of abatement. Damages from pollution. Incentives to sources to comply with environmental regulations.

4. International Environmental Problems

Nature of environmental problems: transboundary pollution –Climate change, global warming, ozone depletion and bio-diversity loss; Trade and environment: pollution haven hypothesis.

5. Measuring the Benefits of Environmental Improvements

Non-Market values: use and non-use values and optional value, measurement methods: Direct method-contingent valuation and indirect method-hedonic pricing methods, value of statistical life; their applications and limitations.



6. Sustainable Development

Conventional development model: a critique, Alternative approach: Sustainable Development and its origin, objectives of Sustainable Development, Approaches to Sustainable Development: weak sustainability, strong sustainability, Safe minimum standard approach, ecological perspective and social perspective, Rules and indicators of Sustainable Development.

Readings:

1. Charles Kolstad, *Intermediate Environmental Economics*, Oxford University Press, 2nd edition, 2010.
2. Robert N. Stavins (ed.), *Economics of the Environment: Selected Readings*, W.W. Norton, 5th edition, 2005.
3. Roger Perman, Yue Ma, James McGilvray and Michael Common, *Natural Resource and Environmental Economics*, Pearson Education/Addison Wesley, 3rd edition, 2003.
4. Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, *Journal of Economic Literature*, Volume 30:675-740.
5. Subhashini Muthukrishnan, *Economics of Environment*, PHI Learning Private Limited, 2nd edition, 2015.
6. Bhattacharyya R, *Environmental Economics*, Oxford University Press.
7. Nick Hanley, Jason F. Shogren and Ben White, *Introduction to Environmental Economics*, Oxford University Press.
8. Gautam Purkayastha, *Environmental Economics: Theory, Problems and Solutions*, Kalyani Publishers, Reprinted 2016

ECO-HE-6026: INTERNATIONAL ECONOMICS

Course Description

This course develops a systematic exposition of models that try to explain the composition, direction and consequences of international trade, and the determinants and effects of trade policy. It then builds on the models of open economy macroeconomics developed in courses 08 and 12, focusing on national policies as well as international monetary systems. It concludes with an analytical account of the causes and consequences of the rapid expansion of international financial flows in recent years. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies.

Course Outline

1. Introduction

What is international economics about?, subject matter of International Economics, An overview of world trade- its changing pattern.

2. Theories of International Trade

The Ricardian theory- comparative advantage, Heckscher-Ohlin model, specific factors model, new trade theories- Leontief Paradox, factor-intensity reversal, international trade in the context of

FIFTH SEMESTER DSE

ECO-RE-5016: Economic Development and Policy in India-I

Course Description

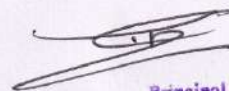
This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post- Independence period.

Course Outline

1. Issues in Growth, Development and Sustainability
2. Factors in Development: Capital formation (Physical and Human); technology; institutions.
3. Population and Economic Development Demographic trends; urbanisation.
4. Employment: Occupational structure in the organised and the unorganised sectors; open-, under- and disguised unemployment (rural and urban); employment schemes and their impact.
5. Indian Development Experience: Critical evaluation of growth, inequality, poverty and competitiveness, pre and post reforms era; savings and investment; mobilisation of internal and external finance; monetary and fiscal policies; centre-state financial relations.

Readings:

1. Michael P Todaro and Stephen Smith. Economic Development, Pearson, 11th edition (2011).
2. Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009).
3. United Nations Development Programme, Human Development Report 2010, Palgrave Macmillan (2010).
4. Government of India, Economic Survey (latest)
5. Government of India, Finance Commission Report (latest)



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ECO-RE-5036: Environmental Economics

Course Description

This course introduces students to concepts, methods and policy options in managing the environment using tools of economic analysis. This course should be accessible to anyone with an analytical mind and familiarity with basic concepts of economics. Environmental problems and issues from the Indian and international context (especially global warming) are used to illustrate the concepts and methods presented in the course. The course will be useful for students aiming towards careers in the government sector, policy analysis, business, journalism and international organisations.

Course Outline

1. Introduction

Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; property rights and other approaches.

2. The Design and Implementation of Environmental Policy

Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; transboundary environmental problems; economics of climate change.

3. Environmental Valuation Methods and Applications

Valuation of non-market goods and services--theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations.

4. Sustainable Development

Concepts; measurement; perspectives from Indian experience

Readings

1. Roger Perman, Yue Ma, Michael Common, David Maddison and James McGilvray, "*Natural Resource and Environmental Economics*", Pearson Education/Addison Wesley, 4th edition, 2011.
2. Charles Kolstad, "*Intermediate Environmental Economics*", Oxford University Press, 2nd edition, 2010.
3. Robert N. Stavins (ed.), "*Economics of the Environment: Selected Readings*", W.W. Norton, 6th edition, 2012.
4. Robert Solow, "An Almost Practical Step toward Sustainability," Resources for the Future 40th anniversary lecture, 1992.
5. Kenneth Arrow et al., "Are We Consuming Too Much?" *Journal of Economic Perspectives*, 18(3): 147-172, 2004.
6. IPCC (Intergovernmental Panel on Climate Change), Fifth Assessment Report (forthcoming 2014).

SIXTH SEMESTER DSE

ECO-RE-6016: Economic Development and Policy in India-II

Course Description

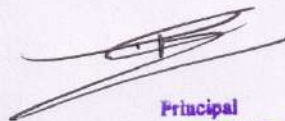
Building on the more aggregative analysis of trends in the Indian Economy offered in Economic Development and Policy-I, this course examines sector-specific trends in key indicators and their implications in the post-Independence period.

Course Outline

1. **Agriculture: Policies and Performance**
Production and productivity; credit; labour; markets and pricing; land reforms; regional variations.
2. **Industry: Policies and Performance**
Production trends; small scale industries; public sector; foreign investment.
3. **Foreign Trade: Trends and Policies**
Balance of trade and balance of payments; India and the World Trade Organisation.

Readings:

1. Uma Kapila, *Indian Economy since Independence*, Academic Foundation, 19th edition (2009).
2. Government of India, *Economic Survey*(latest)



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